

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S47	1354	flat near2 emitt\$3 and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 19:24
S48	192	flat adj emitt\$3 and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 15:08
S49	31	("4303930"   "4516146"   "5090932"   "5414272"   "5473218"   "5554859"   "5557596"   "5559342"   "5696385"   "5702281"   "5726524"   "5760417"   "5814832"   "5982091"   "6008576"   "6011356"   "6023124"   "6034479"   "6064149"   "6096570"   "6107732"   "6137212"   "6166487"   "6229758"   "6249080"   "6329745"   "6400070"   "6445124"   "6469425").PN. OR ("6753544").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 19:30
S50	34	("4005465"   "5650795"   "5659224"   "5726524"   "5729094"   "5770918"   "5857882"   "5861227"   "5894189"   "5936257").PN. OR ("6023124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 19:32
S51	15	("4923421"   "5142184"   "5374844"   "5507676"   "5528103"   "5557596"   "5559342"   "5578900"   "5760417"   "6010918"   "6011356"   "6023124"   "6033924"   "6313043"   "6558968"). PN. OR ("7049158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 19:32
S52	27	("20020024808"   "20020167021"   "4303930"   "4516146"   "5090932"   "5414272"   "5473218"   "5554859"   "5557596"   "5559342"   "5702281"   "5703380"   "5760417"   "5814832"   "5825049"   "5982091"   "6008576"   "6011356"   "6023124"   "6034479"   "6096570"   "6107732"   "6118136"   "6130503"   "6137212"   "6328620"). PN. OR ("6781146").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 19:34
S53	14	("4923421"   "5090932"   "5232549"   "5413513"   "5528103"   "5541473"   "5557596"   "5658832"   "5877594"   "6008576"   "6096570"   "6137213"   "6137272"   "6153978").PN. OR ("6758711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 19:36
S54	58	flat adj emitt\$3 and hewlett-packard. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 11:09

## EAST Search History

S55	30	("20010020733"   "4303930"   "4516146"   "4923421"   "5017266"   "5090932"   "5414272"   "5554859"   "5557596"   "5559342"   "5688158"   "5702870"   "5760417"   "5814832"   "5906910"   "5930890"   "5982091"   "6008576"   "6010918"   "6011356"   "6023124"   "6096570"   "6107732"   "6137212"   "6249080"   "6274881").PN. OR ("6558968").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 12:40
S56	6	("5414272"   "5610078"   "5696385"   "6538368"   "6753544").PN. OR ("6806488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 12:48
S57	1	"4516146".pn. and emitter and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:50
S58	0	"4303930".pn. and emitter and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:52
S59	0	"5414272".pn. and emitter and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:55
S60	1	"5760417".pn. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:55
S61	1	"5554859".pn. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 12:56
S62	6	("5414272"   "5610078"   "5696385"   "6538368"   "6753544").PN. OR ("6806488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:30
S63	27	("20020024808"   "20020167021"   "4303930"   "4516146"   "5090932"   "5414272"   "5473218"   "5554859"   "5557596"   "5559342"   "5702281"   "5703380"   "5760417"   "5814832"   "5825049"   "5982091"   "6008576"   "6011356"   "6023124"   "6034479"   "6096570"   "6107732"   "6118136"   "6130503"   "6137212"   "6328620").PN. OR ("6781146").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:31

## EAST Search History

S64	14	("4923421"   "5090932"   "5232549"   "5413513"   "5528103"   "5541473"   "5557596"   "5658832"   "5877594"   "6008576"   "6096570"   "6137213"   "6137272"   "6153978").PN. OR ("6758711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:34
S65	20	("4065780"   "5012153"   "5148078"   "5214347"   "5408161"   "5532544"   "5679960"   "5850120"   "5965971"). PN. OR ("6489710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:41
S66	105	("3665241"   "3671798"   "3755704"   "3789471"   "3840955"   "3921022"   "4307507"   "4638334"   "4721885"   "4728851"   "4827177"   "4901028"   "4956574"   "4964946"   "4987377"   "5004956"   "5007873"   "5030895"   "5030921"   "5075595"   "5079476"   "5127990"   "5129850"   "5136764"   "5138237"   "5138397"   "5140219"   "5141459"   "5141460"   "5142184"   "5142256"   "5144191"   "5148078"   "5150192"   "5155420"   "5157304"   "5157309"   "5166709"   "5173634"   "5173697"   "5180951"   "5203731"   "5214346"   "5214347"   "5233263"   "5243252"   "5252895"   "5258685"   "5266155"   "5277638"   "5278475"   "5281890"   "5289086"   "5290610"   "5300862"   "5301554"   "5308439"   "5312777"   "5313140"   "5319233"   "5320570"   "5341063"   "5382185"   "5382867"   "5386172"   "5397957"   "5445550"   "5448133"   "5458520"   "5489933"   "5519414"   "5520563"   "5525857"   "5536193"   "5537001"   "5543684"   "5547483"   "5558732"   "5574333"   "5604399"   "5612728"   "5614785"   "5616061"   "5618216"   "5628663"   "5629579"   "5629580"   "5630741"   "5633560"   "5644188"   "5644190"   "5647998"   "5666019"   "5669802"   "5700176"   "5703380"). PN. OR ("5965971").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:42

## EAST Search History

S67	101	("3665241"   "3671798"   "3755704"   "3789471"   "3840955"   "3921022"   "4307507"   "4638334"   "4721885"   "4728851"   "4827177"   "4901028"   "4956574"   "4964946"   "4987377"   "5004956"   "5007873"   "5030895"   "5030921"   "5075595"   "5079476"   "5127990"   "5129850"   "5136764"   "5138237"   "5138397"   "5140219"   "5141459"   "5141460"   "5142184"   "5142256"   "5144191"   "5148078"   "5150192"   "5155420"   "5157304"   "5157309"   "5166709"   "5173634"   "5173697"   "5180951"   "5203731"   "5214346"   "5214347"   "5233263"   "5243252"   "5252895"   "5258685"   "5266155"   "5277638"   "5278475"   "5281890"   "5289086"   "5290610"   "5300862"   "5301554"   "5308439"   "5312777"   "5313140"   "5319233"   "5320570"   "5341063"   "5382185"   "5382867"   "5386172"   "5397957"   "5445550"   "5448133"   "5458520"   "5489933"   "5519414"   "5520563"   "5525857"   "5536193"   "5537001"   "5543684"   "5547483"   "5558732"   "5574333"   "5604399"   "5612728"   "5614785"   "5616061"   "5618216"   "5628663"   "5629579"   "5629580"   "5630741"   "5633560"   "5644188"   "5644190"   "5647998"   "5666019"   "5669802"   "5700176"   "5703380"). PN. OR ("6023126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 14:48
S68	2250	emitt\$3 and cathode near5 (sidewall or side near2 wall or wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 15:16
S69	27	(emitting and chamber and cathode and sidewall).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/02 15:17
S70	9	257/514.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:19
S71	16	257/198.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:20

## EAST Search History

S72	53	257/164.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:22
S73	22	257/125.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:23
S74	200	257/163-166.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:29
S75	20	("4760567"   "4923421"   "5086017"   "5142184"   "5374844"   "5507676"   "5528103"   "5557596"   "5559342"   "5578900"   "5760417"   "6010918"   "6011356"   "6023124"   "6033924"   "6303504"   "6313043"   "6781146"   "6806488"   "6835947").PN. OR ("6933517").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:25
S76	6	("5414272"   "5610078"   "5696385"   "6538368"   "6753544").PN. OR ("6806488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:25
S77	31	("4303930"   "4516146"   "5090932"   "5414272"   "5473218"   "5554859"   "5557596"   "5559342"   "5696385"   "5702281"   "5726524"   "5760417"   "5814832"   "5982091"   "6008576"   "6011356"   "6023124"   "6034479"   "6064149"   "6096570"   "6107732"   "6137212"   "6166487"   "6229758"   "6249080"   "6329745"   "6400070"   "6445124"   "6469425").PN. OR ("6753544").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:25
S78	35	257/560-564.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:30
S79	19	257/579-581.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:30
S80	22	257/125.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:31
S81	813	257/137-149.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:38

## EAST Search History

S82	292	257/10-11.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:46
S83	15	("4923421"   "5142184"   "5374844"   "5507676"   "5528103"   "5557596"   "5559342"   "5578900"   "5760417"   "6010918"   "6011356"   "6023124"   "6033924"   "6313043"   "6558968"). PN. OR ("7049158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:40
S84	31	("4303930"   "4516146"   "5090932"   "5414272"   "5473218"   "5554859"   "5557596"   "5559342"   "5696385"   "5702281"   "5726524"   "5760417"   "5814832"   "5982091"   "6008576"   "6011356"   "6023124"   "6034479"   "6064149"   "6084245"   "6096570"   "6107732"   "6137212"   "6166487"   "6229758"   "6249080"   "6255185"   "6329745"   "6400070"   "6445124"   "6469425").PN. OR ("6902458").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:41
S85	4	("6448701"   "6670629"   "6737792"). PN. OR ("6812480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/07 17:43
S86	1531	313/309-310.ccls. and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/07 17:46

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20020036452".pn. and anneal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 15:35
L2	1	"20020036452".pn. and (silicon or "sio")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 15:37
L3	2	"20020036452".pn. and (integrated adj circuit or display or storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 15:40
L4	0	"20020036452".pn. and (integrated adj circuit or storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 16:00
L5	153	("sion" or silicon adj nitride) near5 conductive and emitter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 15:51
L6	2	"20020036452".pn. and gate adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 16:00
S1	1	"20040222729".pn. and chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/08 15:34